Title (en)

Method for operating a redundant automation system

Title (de)

Verfahren zum Betreiben eines redundanten Automatisierungssystems

Title (fr)

Procédé de fonctionnement d'un système d'automatisation redondant

Publication

EP 2701065 B1 20150225 (DE)

Application

EP 12181713 A 20120824

Priority

EP 12181713 A 20120824

Abstract (en)

[origin: EP2701065A1] The method involves providing the master (M) and slave (S) for sending and receiving the messages. The first message (N1) is transmitted both from the transmitting tasks of the master and slave to the receiving tasks (Et1M,Et1S) of the master and slave through the message handler (NhM,NhS). A message reference (N1r) for entering into a queue (Ws) of the slave is transmitted through the message handler of slave, and is displayed. The first message is passed to the receiving task of the slave by message handler, after reading out the message reference of the queue. An independent claim is included for a redundant automation system.

IPC 8 full level

G06F 11/20 (2006.01); **G05B 19/02** (2006.01); **G06F 11/16** (2006.01)

CPC (source: EP US)

G05B 15/02 (2013.01 - US); **G06F 9/546** (2013.01 - US); **G06F 11/1687** (2013.01 - EP US); G06F 11/2033 (2013.01 - EP US); G06F 11/2038 (2013.01 - EP US); G06F 11/2097 (2013.01 - EP US)

Cited by

CN111880949A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2701065 A1 20140226; **EP 2701065 B1 20150225**; CN 103631683 A 20140312; CN 103631683 B 20160330; US 10365618 B2 20190730; US 2014058533 A1 20140227

DOCDB simple family (application)

EP 12181713 A 20120824; CN 201310373397 A 20130823; US 201313972576 A 20130821